

University of Windsor Scholarship at UWindsor

International Joint Commission (IJC) Digital Archive

1973-10-01

Third Progress Report to the International Joint Commission

Great Lakes Water Quality Board

Follow this and additional works at: <http://scholar.uwindsor.ca/ijcarchive>

Recommended Citation

Great Lakes Water Quality Board (1973). Third Progress Report to the International Joint Commission. *International Joint Commission (IJC) Digital Archive*. <http://scholar.uwindsor.ca/ijcarchive/26>

This PR is brought to you for free and open access by Scholarship at UWindsor. It has been accepted for inclusion in International Joint Commission (IJC) Digital Archive by an authorized administrator of Scholarship at UWindsor. For more information, please contact scholarship@uwindsor.ca.

00003

ELC

(ZZ... IJC.70 73T36 ENG)

THIRD PROGRESS REPORT

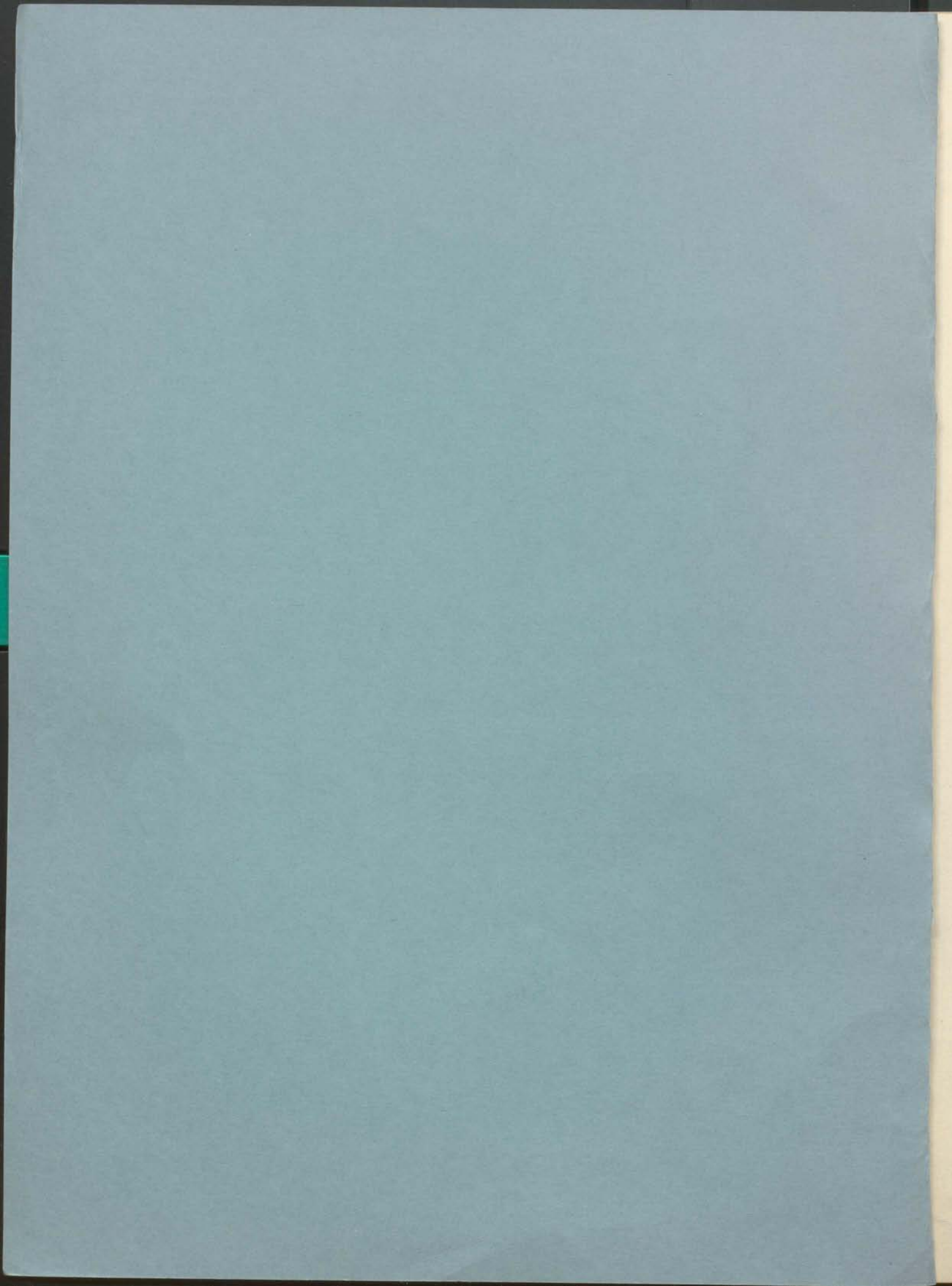
TO THE

INTERNATIONAL JOINT COMMISSION

GREAT LAKES WATER QUALITY BOARD

October 1973

Doc 200
1973



October 1973

THIRD PROGRESS REPORT
TO THE
INTERNATIONAL JOINT COMMISSION

Submitted

Submitted to the Third International Report of the International
Great Lakes Water Quality Board

This report covers the activities of the Board for the period
around 1973 April 1973 to September 1973.

Respectfully submitted,

GREAT LAKES WATER QUALITY BOARD

A. E. Prince
Chairman
Canadian Section

Francis T. Mayo
Chairman
United States Section

October 1973

GREAT LAKES WATER QUALITY BOARD

October 1973

United States Section

Francis T. Mayo, Chairman
Regional Administrator, Region 4
Environmental Protection Agency
Chicago, Illinois
International Joint Commission
United States and Canada

Deputy Commissioner
Department of Environmental Conservation
Albany, New York

Director of Lakes
Bureau

Water Quality Management
Department of Environmental Protection
Chicago, Illinois

Gentlemen:

Herewith is the third semi-annual report of the International Great Lakes Water Quality Board.

This report covers the activities of the Board and its working groups from April 1973 to September 1973.

Francis T. Mayo
Regional Administrator
Environmental Protection Agency
Chicago, Illinois

Respectfully submitted,

John E. Ford
Regional Administrator
Environmental Protection Agency
Department of Natural Resources
Lansing, Michigan

A. T. Prince
Chairman
Canadian Section

Francis T. Mayo
Chairman
United States Section

Mary Lee Smith
Special Assistant
Manager of the Project
Chicago, Illinois

Paul E. Hall
Technical Secretary
International Great Lakes Water Quality Board
Indianapolis, Indiana

GREAT LAKES WATER QUALITY BOARD

United States Section

Francis T. Mayo, Chairman
Regional Administrator, Region V
Environmental Protection Agency
Chicago, Illinois

Dwight F. Metzler
Deputy Commissioner
Department of Environmental Conservation
Albany, New York

Walter A. Lyon
Director
Bureau of Water Quality Management
Department of Environmental Resources
Harrisburg, Pennsylvania

Ira L. Whitman
Director
Ohio Environmental Protection Agency
Columbus, Ohio

Grant J. Merritt
Executive Director
Minnesota Pollution Control Agency
St. Paul, Minnesota

Ralph W. Purdy
Deputy Director
Environmental Protection Branch
Department of Natural Resources
Lansing, Michigan

Thomas G. Frangos
Administrator
Division of Environmental Protection
Department of Natural Resources
Madison, Wisconsin

Mary Lee Leahy
Special Assistant
Bureau of the Budget
Springfield, Illinois

Oral H. Hert
Technical Secretary
Indiana Stream Pollution Control Board
Indianapolis, Indiana

GREAT LAKES WATER QUALITY BOARD

Canadian Section

Dr. A. T. Prince, Chairman
Director-General
Inland Waters Directorate
Environment Canada
Ottawa, Ontario

P. M. Higgins
Director-General
Water Pollution Control Directorate
Environmental Protection Service
Environment Canada
Ottawa, Ontario

R. A. Vollenweider
Senior Scientist
Canada Centre for Inland Waters
Environment Canada
Burlington, Ontario

Captain George Leask
Regional Director
Marine Services
Ministry of Transport
Toronto, Ontario

D. S. Caverly
Assistant Deputy Minister
Water Management
Ontario Ministry of the Environment
Toronto, Ontario

W. A. Steggle
Environmental & Technical Adviser to Assistant Deputy Minister
Ontario Ministry of the Environment
Toronto, Ontario

D. P. Caplice
Director
Industrial Wastes Branch
Ontario Ministry of the Environment
Toronto, Ontario

A. K. Watt
Executive Director
Water Resources Division
Ontario Ministry of the Environment
Toronto, Ontario

P. R. L'Heureux
Director General
Water Utilities and Services
Quebec Department of the Quality of the Environment
Ste. Foy, Quebec

GREAT LAKES WATER QUALITY BOARD

THIRD SEMI-ANNUAL REPORT TO IJC - April-September, 1973

ACTIVITIES

1. Meetings

The Board has held three meetings since its last Progress Report - April 4, May 18, and September 5.

2. First Annual Report on Great Lakes Water Quality

The draft report was revised in accordance with Board comments and 1,000 copies were printed. The IJC offices in Ottawa and Washington were furnished 200 copies each, and copies were distributed to Board members as requested.

3. Upper Lakes Reference Study

After considering the comments of the Research Advisory Board, the Board approved the Preliminary Study Plan as a planning document and requested the Reference Group to proceed with detailed plans for at least the work to be done this year.

The Upper Lakes Reference Detailed Study Plan was approved for FY 74 with the following reservations:

1. Confirmation is required by some Canadian Members.
2. Costs are for new programs.
3. Costs of sediment studies in Duluth Harbor be resolved.
4. The Preliminary Study Plan be amended to include the fisheries proposals. The Board instructed the group to attempt the sample collection program for the fisheries study this year and noted that funding is not now available to complete these studies, and that completion may be delayed.

The Detailed Study Plan for FY 75 will be submitted to the Board in early spring, 1974.

The Upper Great Lakes Reference semi-annual report was accepted by the Board with the following comments:

1. On the basis of information contained in a report on phthalates, the Board concluded that phthalates are generally low in the Great Lakes, their significance is unknown, and the matter will be referred to the Research Advisory Board for an evaluation of the phthalate problem.

2. The information contained in the report on asbestos fibers in Lake Superior is very preliminary and the Board cannot at this time assess the adequacy and comparability of data due to variability in analytical methods, and because health effects are at this time unknown. The Board will keep informed regarding the status of the situation and, in turn, report to IJC any significant events.
3. Work Group C in consultation with Work Groups B and D, ULR, should request from the State of Minnesota and U.S. EPA a statement on availability of data collected in support of litigation concerning the Reserve Mining Co., Silver Bay, Minnesota.

Phosphorus Loadings to Upper Lakes -- The Board approved the report with minor corrections which were distributed to holders of the report (including IJC) by letter of April 11, 1973, from Conrad O. Kleveno, Phosphorus Committee Chairman.

4. Land Drainage Reference Study

The Board approved the Preliminary Study Plan in principle and requested the Reference Group to proceed with Task A, and develop detailed plans for Tasks A and B. The Board further agreed to review the scope and cost of Tasks C and D by the end of the year.

The Land Drainage Semi-annual Report was accepted by the Board.

5. Procedures for Submission and Exchange of Information

The procedures document was approved by the Board with the provision that IJC be notified that this is a preliminary document subject to revision as experience dictates. More specific details should be developed on flow of data, content and reporting time. The Board concluded that the annual reporting period for water quality data will be from November 1 to October 31, and data should be reported to the Windsor IJC Regional Office by November 30. The IJC Regional Office will draft the procedures document in final form and submit it to the International Joint Commission to comply with requirements of Article VIII of the Agreement.

6. Committee Structure

A permanent committee structure consisting of a Committee on Implementation of the Agreement, with Subcommittees on Water Quality Objectives and on Remedial Programs, and a Committee on Water Quality Surveillance was approved by the Board. Members were requested to provide names of persons to serve, so that committees can be organized and get into operation as soon as possible.

7. Localized Areas

The Board reviewed a draft report and it was agreed that the Windsor IJC Office would review and consolidate the report, including definitions and maps of localized areas. The Board also instructed the Objectives Committee, when formed, to be responsible for reviewing the objectives related to Localized Areas.

8. Federal Support Committee to U.S. Federal Member

A committee was established pursuant to the request of the Administrator, EPA, for the purpose of: (a) advising the Federal member on matters dealing with U.S. obligations under the Great Lakes Water Quality Agreement within the jurisdiction of the Department or agency involved; and (b) assuring adequate participation in meeting U.S. commitments under the Agreement. The Administrator's memorandum establishing the Committee, and a list of the committee members are in appendix A.

9. Updated PCB Report to IJC

The Board concluded that an updated PCB report will be submitted to the IJC next year if it is necessary, based on an evaluation by the Board.

The following statement is an assessment of the progress and actions taken by the governments to control PCBs.

Both countries are presently monitoring for PCBs in the aquatic environment. PCB analyses are being made for the eatable portion, that portion of the fish as marketed, and for whole fish.

In the United States, Michigan, U.S. Food and Drug Administration, and U.S. Bureau of Sport Fisheries and Wildlife are presently undertaking a cooperative study (the Great Lakes Contaminant Study) in the lakes that border the State of Michigan, including Lake St. Clair. The other states along the shores of the Great Lakes are also monitoring for PCBs, but at a limited frequency. The U. S. BSF&W expects to complete analyses of fish samples collected in 1970 and 1971 by the end of this year. These samples are from all the Great Lakes including Lake St. Clair.

Control measures, through source and product control, and conversion to other non-PCB containing products have proved very effective in reducing major sources of PCBs on the United States side.

An Interdepartmental Group in Canada is collecting information from industry on the impact, use and losses of PCBs. This survey covers all of Canada and depends on voluntary responses from the individual companies. At the present time, it appears that restriction of sales imposed by Monsanto, coupled with the awareness of need for improved handling of waste has effectively reduced the possibility of long continued release of PCBs into the environment.

The Inspection Branch of the Federal Fisheries Service is continuing to monitor PCBs in fish and fish products to insure that the marketed products meet the requirements of the health authorities.

The Board will continue to keep the IJC informed of the status of PCBs in the Great Lakes.

10. IJC Public Relations Policy

The Board unanimously approved the following policy for the Board activities in conformance with the new IJC Public Relations Policy:

- a. Compile lists of news media in the Great Lakes Area.
- b. Do not include the press at Board meetings, however, inform the press of meetings for press conferences after the meeting.
- c. Prepare statement on the Board meeting for release.

Board member, Dr. Ira Whitman, Ohio, offered assistance by his agency to make the initial trial of this procedure. The Board will then review the policy as to needs and effectiveness.

11. Citizen Representation on Board

The Board considered citizen or municipal representation on the Board was not appropriate. However, the Board felt that the proposed public information policy will improve and facilitate dissemination of information and Board activities to the public and interested individuals.

12. Great Lakes Water Quality Surveillance

The need for a coordinated Great Lakes Water Quality Surveillance program was amplified in the Board's first annual report to the IJC. To determine the structure and extent of the program and to coordinate the efforts of the various jurisdictions participating in a surveillance program, the Board has referred this matter to its Surveillance Committee for action.

13. Deep Draft Harbor, Sault Ste Marie, Ontario

A proposed harbor development is being considered in Sault Ste Marie, Ontario with possible adverse effects on the shoreline, lake level controls and water quality. The responsible Canadian government agencies are starting discussions with the U.S. Corps of Engineers, the State of Michigan and the U.S. Department of State. Ontario is presently reviewing the environmental impact of the proposed harbor and will inform the Board of the findings. The Board is keeping informed on the project and will provide information to the IJC relative to water quality and other possible effects, including marine sanitation pumpout facilities.

14. Monthly Activity Report to IJC

The IJC Regional Office in Windsor will be responsible for the monthly activities report. The Co-Chairmen and Board members are responsible for reporting to the Windsor Office regarding the monthly activities in their jurisdiction.

15. Canadian Federal Vessel Waste Regulations

The Canada Ministry of Transport member reported that the Ministry has proposed regulations for disposal of vessel sewage. The Board received copies of the proposed regulations and referred the regulations to the Implementation Committee along with EPA's vessel waste regulations, for consideration of adequacy and compatibility and recommendation. The Board also requested that the Canada Ministry of Transportation not promulgate the regulations until the Board has had an opportunity to comment on them.

16. Cholera Concern on Great Lakes

The Board has expressed concern regarding the possibility of Cholera being introduced into the Great Lakes system via ocean going vessels that have been in the area of the Cholera epidemic in Italy. The Board has conveyed this concern to the IJC and requested the IJC to recommend that governments take necessary action to prevent such an occurrence on the Great Lakes. The Board, through the IJC Regional Office at Windsor, is making inquiries to health agencies as to possible dangers from Cholera.

17. Liaison with Research Advisory Board

Liaison between the Research Advisory Board and the Water Quality Board is maintained through the respective Chairmen providing attendance at meetings. Minutes of meetings, notices, reports and appropriate correspondence are routinely exchanged between the Boards.

cause Chrysler to select UOP over Engelhard, particularly in view of the great disparity in test data available from the two companies.

A reason for UOP's selection that seems more persuasive than any of the above is price. Mr. Heinen testified that the September contract was made by submitting a list of four acceptable companies to the Chrysler purchasing department and letting them pick the lowest bidder (Tr. 3143, 3152. See also Tr. 1121, 1123, 1135). The August work sheets (in C. Doc. Vol. I) are entirely consistent with this testimony, for they are set up to compare four companies on the basis of price alone. Mr. Bright testified that price was an important factor (Tr. 1134, 1140), as did others (Tr. 1101, 1105, 1114). I find that a price comparison among companies was in fact a dominant influence in the decision.

The difference in the ultimate price of the car that would have resulted from accepting the Engelhard September quote rather than the one made by UOP appears to be \$5 (Tr. 2046).

It is even clearer that price was a primary motive for the choice made in March of 1973, to place 100 percent of Chrysler's catalyst requirements with UOP. The documents provided us for the period September 1972 to March 1973, place some stress on the fact that UOP catalysts are cheaper than Engelhard, although they may not perform as well. The difference is variously attributed to a lower UOP precious metal loading, EPR Minutes January 23, 1973 (research report), and Engelhard's tighter quality control, EPR Minutes January 30, 1973, and January 23, 1973.

Catalyst quality aside, there are certain advantages to any manufacturer in having more than one source for such a vital part as a catalyst. A variety of sources spreads the risk of shutdowns and other production difficulties. The Chrysler testimony indicates this was realized (Tr. 3216).

The record is plain, however, that the risk of having only one source was taken because that was the cheaper course. EPR Minutes November 28, 1972 ("Mr. Bright commented that from an economic standpoint, Corning-UOP may be the best single source combination. . . . All things considered, we could decide to risk the single source situation.") (emphasis supplied). He testified to the same effect at the hearing (Tr. 1163).

The amount saved per car by this choice (on the basis of two catalysts to a car) was apparently about \$7 a car on the 40 percent of Chrysler production for which the choice of a supplier other than UOP was still considered open at that time (Tr. 3213, Ex. P-52, C. Doc. Vol. I).

[FR Doc.73-8145 Filed 4-25-73;8:45 am]

GREAT LAKES WATER QUALITY BOARD

Federal Support Committee

Memorandum for: Hon. Elliot L. Richardson, Secretary of Defense; Hon. Rogers C. B. Morton, Secretary of the Interior; Hon. Earl L. Butz, Secretary of Agriculture; Hon. Frederick B. Dent, Secretary of Commerce; Hon. Claude S. Brinegar, Secretary of Transportation; Hon. Dixy Lee Ray, Chairman, Atomic Energy Commission.

APRIL 20, 1973.

The Boundary Waters Treaty of 1909 established an International Joint Commission of six members, three appointed by the United States and three by Canada, to which all matters of common interest involving the Great Lakes could be referred in the future for research and investigation. On April 15, 1972, the

Governments of the United States and Canada entered into an agreement on Great Lakes water quality and requested the Commission to assist the governments in the implementation of the agreement. To help the Commission in meeting its new responsibilities, the governments directed the Commission to establish a Great Lakes Water Quality Board with nine members from the United States and nine from Canada. In accordance with the terms of the agreement, the Commission must appoint one United States member from each of the eight different States bordering the Great Lakes. The ninth United States member is appointed by the Commission from the Federal Government. The Commission established the Board on July 20, 1972, and named Francis T. Mayo, Regional Administrator, Environmental Protection Agency, Chicago, Ill., as the Federal Government member and cochairman of the Board.

ESTABLISHMENT OF FEDERAL SUPPORT COMMITTEE

In order to assist the Federal member of the Water Quality Board, and to assure that Departments and agencies of the executive branch work together to realize the goals of the Great Lakes Water Quality Agreement, I am establishing a Federal Support Committee to the Federal member. I would appreciate it if each of you would designate a representative to serve as a member of the Committee. Mr. Mayo shall be Chairman of the Committee. Meetings of the Com-

mittee shall be at the call of the Chairman, and the Committee shall meet not less than once each year at a place designated by the Chairman. The Committee shall not be terminated while the Great Lakes Water Quality Board is still in being.

FUNCTIONS OF THE COMMITTEE

Each member of the Committee shall, after discussion, where appropriate, with other members of the Committee or the Committee as a whole:

a. Advise the Federal member on the Great Lakes Water Quality Board on all matters dealing with the obligations of the United States under the Great Lakes Water Quality Agreement, insofar as they fall within the jurisdiction of the Department or agency that appointed him.

b. Assure adequate participation by the Department or agency that appointed him in meeting commitments of the United States under the agreement.

Each member of the Committee shall have sufficient authority within his Department or agency to enable him to discharge these responsibilities.

Each Department and agency should furnish the Committee with such information and other assistance as may be called for to the extent permitted by law.

This memorandum shall be published in the FEDERAL REGISTER.

WILLIAM D. RUCKELSHAUS,
Administrator.

[FR Doc.73-8144 Filed 4-25-73;8:45 am]

FEDERAL COMMUNICATIONS COMMISSION

BAHAMAS TELECOMMUNICATIONS CORP.

Notice of Power Increase

BAHAMAS NOTIFICATION LIST NO. 2/73

Call letters	Location	Power (kW)	Frequency	Antenna	Schedule	Class
ZNS-2	Nassau	1D/0.25N	1240 kHz	ND	U	IV

FCC Note.—By letter dated April 12, 1973, the Federal Communications Commission received notification from the Bahamas Telecommunications Corp. of a power increase to 1 kW for station ZNS-2. Although the notification did not state that the existing nighttime operation would continue at 0.25 kW power, we make the assumption that it will be continued pending receipt of additional information.

[SEAL] WALLACE E. JOHNSON,
Chief, Broadcast Bureau,
Federal Communications Commission.

[FR Doc.73-8112 Filed 4-25-73;8:45 am]

STEERING COMMITTEE FEDERAL/STATE—LOCAL ADVISORY COMMITTEE

Notice of Meetings

APRIL 20, 1973.

The Steering Committee of the Cable Television Federal/State—Local Advisory Committee will hold open meetings on May 9 and 10, 1973, at 10 a.m. The meetings will be held in room 6331 of the

West Annex of the Commission, 2025 M Street NW., Washington, D.C.

The agenda for these meetings will be the continuation of a discussion of issues to be included in the final Advisory Committee report.

FEDERAL COMMUNICATIONS
COMMISSION,
[SEAL] BEN F. WAPLE,
Secretary.

[FR Doc.73-8111 Filed 4-25-73;8:45 am]

FEDERAL POWER COMMISSION

[Docket No. C173-677]

APACHE EXPLORATION CORP.

Notice of Application

APRIL 19, 1973.

Take notice that on April 4, 1973, Apache Exploration Corp. (Applicant), P.O. Box 2299, Tulsa, Okla. 74101, filed in docket No. C173-677 an application pursuant to section 7(c) of the Natural Gas Act for a certificate of public convenience and necessity authorizing the

FEDERAL SUPPORT COMMITTEE TO FEDERAL MEMBER,
GREAT LAKES WATER QUALITY BOARD

Francis T. Mayo,
Chairman

Environmental Protection Agency, Regional
Administrator, Region V, 1 North Wacker
Drive, Chicago, Illinois 60606.
312-353-5250

Georgè W. Miliias

Department of Defense, Director for Environ-
mental Quality, Office of the Assistant
Secretary of Defense (Health and Environment)
Washington, D.C. 202-695-3010

Miss Madonna McGrath

U.S. Department of the Interior, Staff
Assistant, North Central Region, Office
of the Secretary, 536 South Clark St.,
Chicago, Illinois 60605. 312-353-8105

Dr. Darnell M. Whitt

Department of Agriculture, Deputy Administrator
for Field Services, Soil Conservation
Service, Washington, D.C. 20250.
202-447-3587

Dr. Eugene Aubert

Department of Commerce, National Oceanic &
Atmospheric Administration, Rockville, Md.
20852. 301-496-8221

Capt. W. R. Riedel

Department of Transportation, Chief, Ports
and Waterways Planning Staff, U.S. Coast
Guard Headquarters, Washington, D.C. 20590
202-426-2262

Walter G. Belter

Atomic Energy Commission, Assistant Director,
Division of Environmental Affairs,
USAEC, Washington, D.C. 20545.
301-973-3718